

4.2.F. 0513010407.

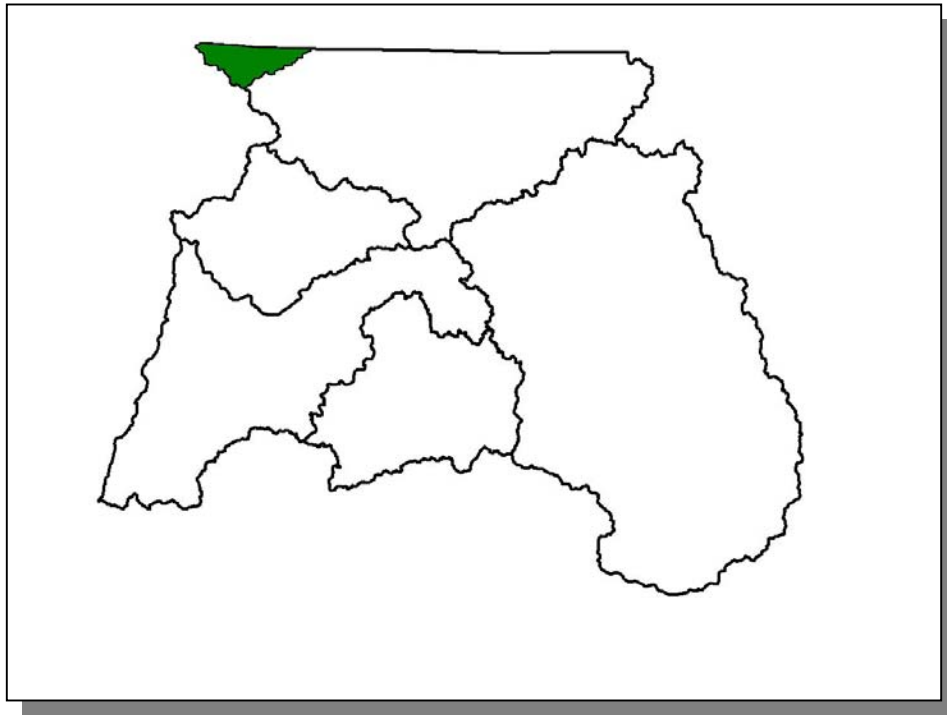


Figure 4-195. Location of Subwatershed 0513010407. All South Fork Cumberland River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.3.F.i. 051301040701 (Little South Fork).

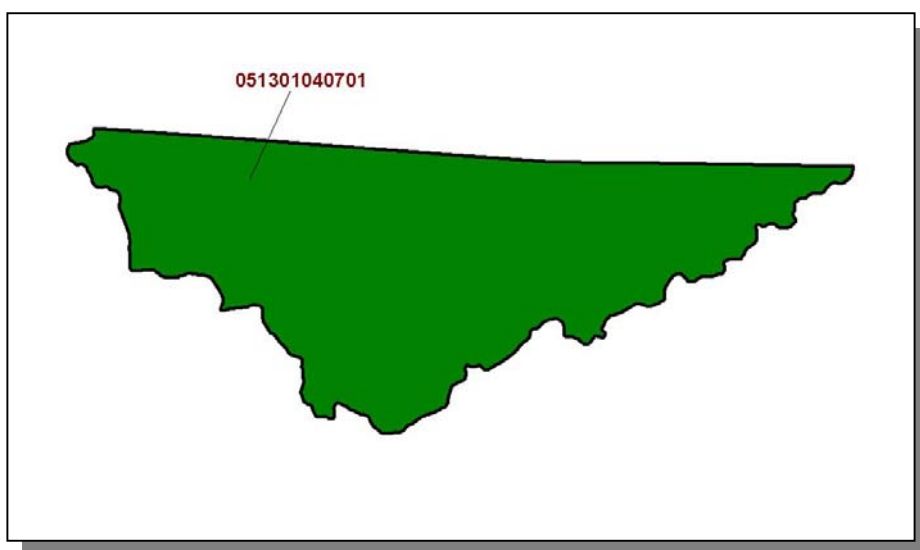


Figure 4-196. Location of Subwatershed 051301040701. All South Fork Cumberland River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

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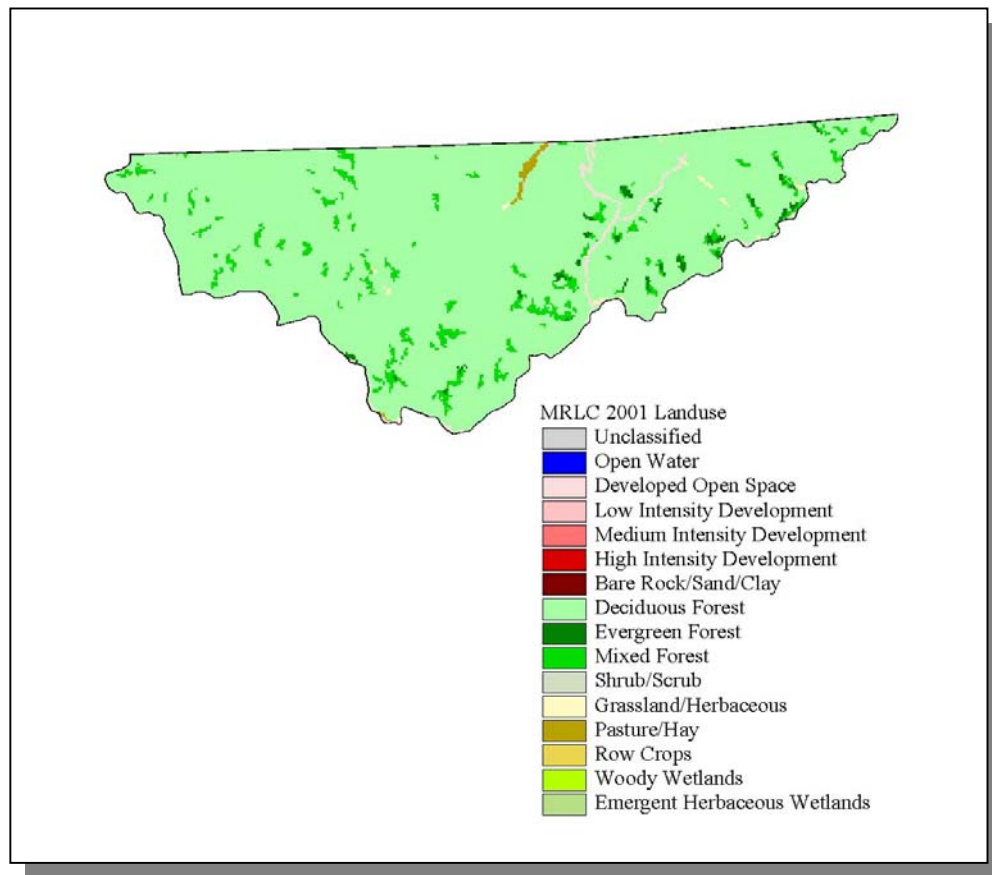


Figure 4-197. Illustration of Land Use Distribution in Subwatershed 051301040701.

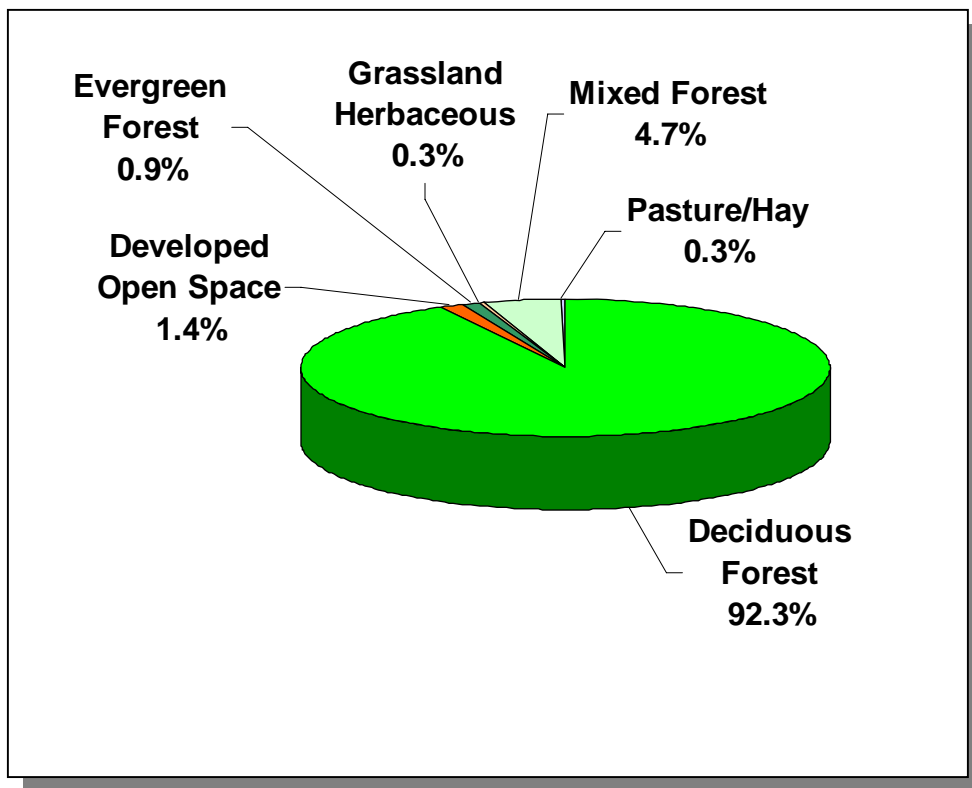


Figure 4-198. Land Use Distribution in Subwatershed 051301040701. More information is provided in Appendix IV.

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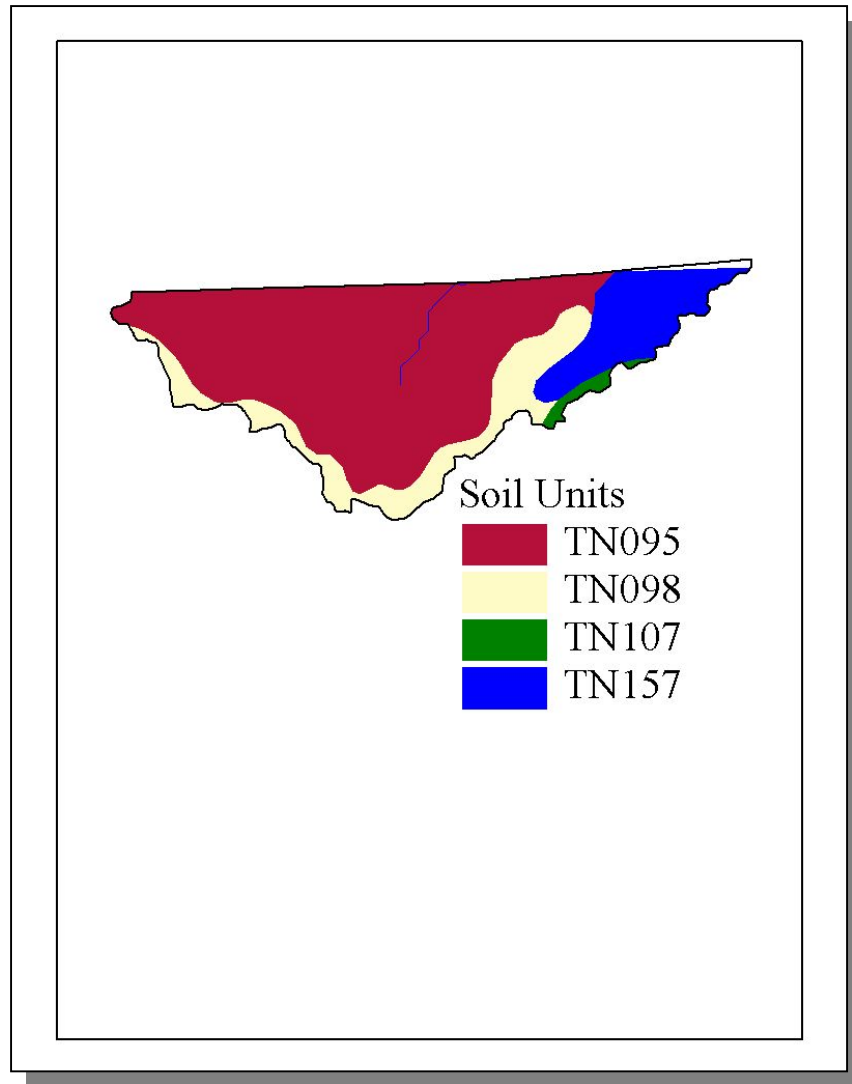


Figure 4-199. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301040701.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN098	1.00	C	3.98	4.82	Loam	0.32
TN107	1.00	C	6.34	4.84	Loam	0.28
TN157	0.00	B	2.38	4.62	Loam	0.28

Table 4-160. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301040701. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Fentress	14,669	15,920	16,625	0.02	3	3	3	0.0
Pickett	4,548	4,631	4,945	5.54	252	257	274	8.7
Total	19,219	20,551	21570		255	260	277	8.6

Table 4-161. Population Estimates in Subwatershed 051301040701.

4.3.F.i.a. Point Source Contributions.

There are no point source contributions in this subwatershed.

4.2.F.i.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS			
Beef Cow	Cattle	Chickens (Broilers Sold)	Hogs
88	161	127	<5

Table 4-162. Summary of Livestock Count Estimates in Subwatershed 051301040701. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

LIVESTOCK COUNTS							
County	Beef Cow	Cattle	Milk Cow	Chickens (Broilers Sold)	Chickens (Layers)	Hogs	Sheep
Fentress	8,058	17,259	430	7,290,026	474	729	79
Pickett	5,986	10,864	19		285	99	
Scott	2,177	4,447	216	1,989,506	196	17	74

Table 4-163. Summary of Livestock Count Estimates in Fentress, Pickett, and Scott Counties. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

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County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Fentress	244.1	244.1	3.6	14.3
Pickett	68.4	68.4	0.2	0.6
Scott	300.3	300.3	5.5	21.4

Table 4-164. Forest Acreage and Annual Removal Rates (1987-1994) in Fentress, Pickett, and Scott Counties.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.10
Grass (Hayland)	0.11
Legumes, Grass (Hayland)	0.07
Grass, Forbs, Legumes (Mixed Pasture)	0.70
Corn (Row Crops)	16.18
Soybeans (Row Crops)	6.00
Tobacco (Row Crops)	23.18
Wheat (Close-Grown Cropland)	43.40
Other Vegetable and Truck Crops	15.94
Farmsteads and Ranch Headquarters	7.34

Table 4-165. Annual Estimated Total Soil Loss in Subwatershed 051301040701.